



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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May 3, 2002

TO: Internal File

THRU: Daron R. Haddock, Permit Supervisor *DRH*  
Pamela Grubaugh-Littig, Permit Supervisor *pgl*

FROM: Priscilla W. Burton, Sr. Reclamation Specialist/Soils *PWB*

RE: Technical Field Visit, Energy West Mining Corp., Des Bee Dove Mine,  
C/015/017

**Other Attendees:** Dennis Oakley, Environmental Engineer, Energy West Mining Corp.

**Date & Time:** April 30, 2002, from 9:15 am – 12:15 pm

## PURPOSE:

To observe the progress of Phase I reclamation.

## OBSERVATIONS:

Photos taken during this field visit are located in O:015017.dbd/IMAGES/04302002. There was a trackhoe lifting soil from the outslope and placing it against the access road cut below the junction with the substation road.

The substation area had been shaped and roughened. There was a good blend between the undisturbed and disturbed area, especially on the slope above drainage #3. The cattle trail in the substation area had been left level, but roughened and seeded. A berm had been created just outside of the disturbed area perimeter to force flow away from the cattle trail. The berm had straw mixed into the soil. Mr. Oakley and I discussed whether the berm had been seeded, since there was no evidence of mulch on the surface. Mr. Oakley was certain the berm had been seeded. We discussed the order of applying straw and phosphorus, roughening the soil, seeding and hydromulching, in that order and verified the order of treatments with the trackhoe operator (Steve).

Mr. Oakley indicated that the water tank pad would be reclaimed by handwork. Mr. Oakley and I climbed up to the perimeter of the reclaimed site to see the water tank pad and found a well-vegetated pad, but later learned that this was not the water tank pad. I did not see the condition of the water tank pad during this site visit.

The soil stockpile, containing about 750 – 1,000 cu yards of substitute topsoil, that had previously been stored along the access road, had been pushed over the cliff to rest on the Deseret pad below. Although the manner of relocating the pile was not ideal, the topsoil was saved for use during Phase II reclamation. Mr. Oakley placed a topsoil sign on the topsoil pile. Should the plans for reclamation Phase II work be delayed, further protection of the topsoil will be necessary, i.e., silt fences.

The coal that had been lying on the slope above the cliff between the Beehive and Deseret Mines had been pushed over the cliff by the trackhoe and soil had been placed on top of the remaining coal.

Work will continue to progress down the access road to the cut at the 180 degree turn. We discussed the location of the cattle trail within this portion of Phase I. To follow the plan as described would require a lot of fill to build a ramp over the exposed sandstone ledge. An alternative discussed was to have the cattle trail established on fill further to the east, avoiding the sandstone ledge.

As a finale to the inspection, we observed the blast of the concrete culvert collars.

## **RECOMMENDATIONS/CONCLUSIONS:**

The next inspector should document the condition of the water tank pad.

If Phase II reclamation is not immediately carried out, then the topsoil pile must be protected from the erosive force of late summer rains.

cc: All Attendees  
Price Field Office  
O:\015017.DBD\Compliance\2002\FV\_0430.doc